

Additional information and clarification of content should be directed to the
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BANAVIE QUARRY

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By Fort William

PH33 7LY

01397 772267

Date Sampled	Property	Specification	Result	Unit
01/05/2015	Particle Density & Absorption (<i>PD&A</i>)	BS EN 1097-6		
	Apparent Density (<i>A</i>)		2.66	Mg/m ³
	Oven Dried Density (<i>OD</i>)		2.62	Mg/m ³
	Saturated Surface Dry Density (<i>SSD</i>)		2.63	Mg/m ³
	Water Absorption (<i>WA</i>)		0.60	%
20/09/2014	Polished Stone Value (<i>PSV</i>)	BS EN 1097: Part 8	57	Value
02/05/2014	Polished Stone Value (<i>PSV</i>)	BS EN 1097: Part 8	56	Value
26/03/2013	Polished Stone Value (<i>PSV</i>)	BS EN 1097: Part 8	57	Value
20/03/2014	Aggregate Abrasion Value (<i>AAV</i>)	BS EN 1097: Part 8	1.7	Value
20/03/2014	Magnesium Sulphate Soundness Value (<i>MSSV</i>)	BS EN 1367: Part 2	1	%
14/08/2014	Los Angeles Coefficient Value (<i>LA</i>)	BS EN 1097: Part 2	18	%
	Los Angeles Coefficient Value (<i>LA - Rail Ballast</i>)	BS EN 1097: Part 2		%
20/03/2014	Micro Deval (<i>MD - Aggregate</i>)	BS EN 1097: Part 1	5	Value
22/08/2007	Micro Deval (<i>MD - Rail Ballast</i>)	BS EN 1097: Part 1	6	Value
20/11/2015	Alkali Silica Reactivity (<i>ASR</i>)	BS812: 104 & BS EN 932: 3	Normal	n/a
01/05/2015	Drying Shrinkage Value (<i>Dshrink</i>)	BS EN 1367: Part 4	0.032	%
	Linear Coefficient of Thermal Expansion (<i>LCoTE</i>)	3PC/06/01		mm/°C
20/11/2014	Frost Heave (<i>FH - Type I Sub-Base</i>)	BS 812: Part 124	7.5	mm
20/11/2014	Plasticity	BS 1377: Part 2	NP	n/a
25/10/2010	Frost Heave (<i>FH - Recycled Type I Sub-Base</i>)	BS 812: Part 124	4.3	mm
25/10/2010	Plasticity	BS 1377: Part 2	NP	n/a
20/03/2014	Potential Hydrogen Value (<i>pH</i>)	BS 1377: Part 3	9.1	Value
20/03/2014	Total Potential Sulphate Content	TRL Report 447 Test No. 4	<0.03	%
20/03/2014	Oxidisable Sulphides Content (<i>as OS</i>)	TRL Report 447 Test No. 2 & 4	<0.01	%
20/03/2014	Total Sulphur Content (<i>as S</i>)	BS EN 1744: Part 1	<0.1	%
20/03/2014	Soluble Sulphate Content (Water) (<i>as SO₃</i>)	BS EN 1744: Part 1	<0.01	%
20/03/2014	Soluble Sulphate Content (Water) (<i>as SO₄</i>)	BS EN 1744: Part 1	<0.01	%
20/03/2014	Soluble Sulphate Content (Acid)	BS EN 1744: Part 1	0.1	%
	Sulphide Content (<i>as S</i>)	BS EN 1744: Part 1		%
20/03/2014	Chloride Content (<i>as C</i>)	BS EN 1744: Part 1	<0.001	%
20/03/2014	Calcium Carbonate Content (<i>as CaCO₃</i>)	BS EN 196: Part 2	1.04	%
	Total Neutralising Value (<i>TNV</i>)	BS 6463: Part 2		%